# POWER SYSTEM DATA

For the week ending April 20, 2001

| STREAMFLOW CONDITIONS (in percent of 60 year average) | | Jan. | Feb. | Mar. | April | May |
|---|---|---|---|---|---|---|
| | 2000-2001 Natural Streamflow at The Dalles | 57.5% | 50.8% | 59.7% | 46.3%* | |
| | Critical Year Natural Streamflow at The Dalles | 42.0% | 48.4% | 54.8% | 57.1% | 70.2% |
| | 1995-1999 Average Natural Streamflow at The Dalles | 135.8% | 160.7% | 149.0% | 118.8% | 116.8% |
| | Average flows below Bonneville Apr. 12 - 18 | 118.0 kcfs | | | | |
| | Avg. tailwater elev. below Bonneville Apr. 12 - 18 | 11.02 ft | | | | |
| **FEDERAL HYDRO GENERATION** | | **Jan.** | **Feb.** | **Mar.** | **April** | **May** |
| | 2000-2001 Federal Hydro Generation | 7,268 | 6,881 | 6,112** | | |
| | 1995-2000 Average Federal Hydro Generation | 11,629 | 11,706 | 11,246 | | |
| **HISTORIC PRICES(Dow Jones HLH month average)** | | **Jan.** | **Feb.** | **Mar.** | **April*** ** | **May** |
| | 2001 Mid-C Prices in $/megawatt-hour | 278.30 | 287.37 | 276.62 | 332.74 | |
| | 1999 Mid-C Prices in $/megawatt-hour | 17.95 | 18.26 | 16.39 | 24.06 | 28.25 |
| **Dow Jones HLH firm Mid-C Prices** | | | | | | |
| | For week ending Apr. 18 in $/megawatt-hour | $273.89-$341.66 | | | | |
| **PRECIPITATION AND TEMPERATURES** | | **Jan.** | **Feb.** | **Mar.** | **April** | **May** |
| | Precipitation above The Dalles as % of Avg | 40% | 51% | 82% | 143%*** | |
| | Load Center temperature departures | +1.2 | -3.3 | +0.2 | -4.4*** | |
| **VOLUME FORECAST (as percent of average)** | | **Jan.** | **Feb.** | **Mar.** | **April** | **May** |
| | 2001 Snowpack as % of Average | 59% | 52% | 53% | 54% | |
| | April Mid-Month forecast at The Dalles in MAF and as a (%) of average. | | | | 54% | |
| | Final Forecast at The Dalles in MAF and as a (%) of average | 80.4 (76%) | 66.4 (63%) | 58.6 (55%) | 56.1 (53%) | |
| | --average Jan.-Jul. vol. used by NWS is 105.9 MAF | | | | | |
| | --lowest Jan.-Jul. vol. on record is 53.8 MAF | | | | | |
| | --critical Jan.-Jul. vol. is 69.4 MAF | | | | | |
| **Energy acquired by BPA from DSIs and purchases** | | **Jan.** | **Feb.** | **Mar.** | **April** | **May** |
| | Monthly energy in MW acquired from DSI and other sources from purchases made since Dec. 6, 2000. | 1,419 | 571 | 458 | | |
| **POWER EXCHANGED WITH CALIFORNIA Apr. 12 - 18** | | | | | | |
| | Power sent to California ISO in MWh | 1000 | | | | |
| | Power returned from California ISO in MWh | 2475 | | | | |
| | Amount ISO owes BPA in MWh | 1106 | | | | |
| | | | | | | |
| | | | | | | |
| * Observed thru Apr 9, forecast for remainder of month | | | | | | |
| **Includes observed data and forecasted | | | | | | |
| *** Observed data for the month to date (through April 18th) | | | | | | |

### *Reservoir elevations*

| DATE: | 4/12/01 | 4/5/01 | TOTAL | AVG WKLY |
|---|---|---|---|---|
| PROJECT | CURRENT ELEV (ft.) | PREVIOUS ELEV (ft.) | DRAFT(-) FILL(+)(ft.) | OUTFLOW (kcfs) |
| Libby | 2386.5 | 2387.1 | -0.6 | 4.0 |
| Horse | 3488.8 | 3490.3 | -1.5 | 2.4 |
| Coulee | 1218.5 | 1222.2 | -3.7 | 68.2 |
| Dworshak | 1517.4 | 1515.0 | 2.4 | 1.5 |

By direction of the Administrator, BPA has extended its April 3 power system emergency declaration under the terms of the 2000 Biological Opinion for the FCRPS.

The power emergency will be in effect until further notice, with a reconsideration to occur in early May. On Friday, April 27, the Federal Agencies (BPA, COE, BOR, NMFS, FWS, and EPA) will discuss updates to the Operational Plan for the 2001 migration based on comments received through Friday, April 20. The Draft Operational Plan was made available Friday, April 13 and is intended as a guide for operations during the migration season. A major necessary factor for reconsidering the emergency declaration will be the water supply condition and whether any significant improvement has occurred.

The power emergency declaration is the result of power system reliability problems projected by the Northwest Power Planning Council and the effects of biological opinion fish spill on West Coast energy supplies and prices. This emergency declaration extension means that little or no spill will occur through April, unless water supply conditions dramatically improve.

The threshhold water supply criteria for considering spill in May, and subsequent months, will be provided in the update to the Federal Agencies' operational plan on Friday, April 27. The draft plan released on April 13 proposed that some spill could be considered in May if the January-July runoff forecast for the Columbia River above The Dalles exceeds 60 million acre-feet, or 57 percent of average. The official April forecast, issued by the National Weather Service, is 57.7 million acre-feet, or 54 percent of average.